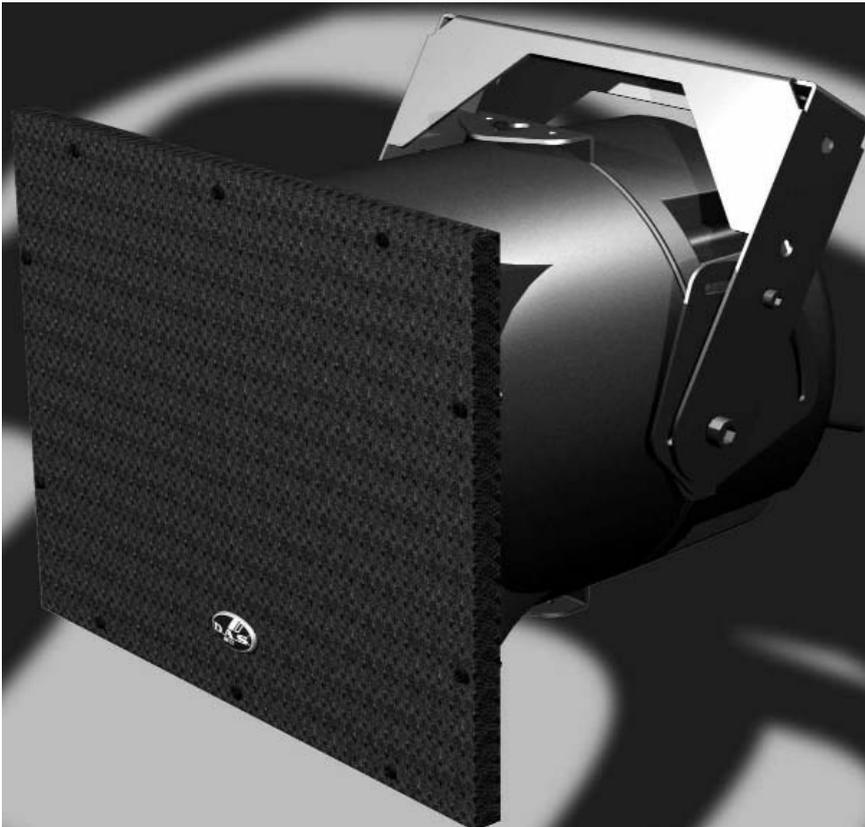


Bidriver Plus



DESCRIPTION

The D.A.S. BiDriver Plus is a two-way, mid-high unit which uses a co-axial speaker built into a special horn unit designed to provide high sensitivity and exceptional control of directivity. Located inside the horn unit is a midrange speaker and a high frequency compression driver with its corresponding horn.

The coaxial loudspeaker incorporates a 10" cone transducer with a 4" voice coil. The massive magnet structure and top plates provide efficient heat evacuation for low power compression. The high frequency unit incorporates a 4" titanium diaphragm and voice coil assembly. The aluminum phase corrector guarantees coherent and linear frequency response.

APPLICATIONS

The BiDriver Plus can be used successfully in applications requiring high intelligibility of the human voice and music reproduction not requiring bass reinforcement. The unit is capable of developing high sound pressure levels covering large distances with a clear and defined reproduction of the message. It is especially adequate for large open areas requiring a "long throw".

The BiDriver Plus can be equipped with a line transformer for distributed systems and is designed to comply with the IP-54 standards for outdoor use.

FEATURES

- Two-way, integrated horn-speaker unit**
- Co-axial 10" cone transducer and 2" exit compression driver**
- 60° x 40° dispersion**
- 300 W RMS power handling**

SPECIFICATIONS

AES RMS (Average) Power Handling^R:	300 W
Programme Power Handling^P:	600 W
Peak Power Handling^K:	1200 W
Nominal Impedance:	8 Ω
On-axis Sensitivity 1 W / 1m:	104 dB SPL
Nominal Frequency Range:	160 Hz - 12 kHz
-6 dB Beamwidths:	61° Horizontal
(average, 1.25 to 8 kHz)	54° Vertical
MF and HF Voice Coil Diameter:	102 mm (4 in)
Dimensions (H x W x D):	350 x 445 x 400 mm (13.8 x 17.5 x 15.8 in)
Weight:	17 kg (37.4 lbs)

^R As per AES2-1984 (ANSI S4.26-1984), re. the minimum impedance, based on a test using a 6 dB crest factor pink noise signal bandlimited according to IEC 268-1 (1985).

^P Conventionally 3 dB higher than the RMS measure, although this already utilizes a programme signal.

^K Corresponds to the signal crests for the test described in^R.